# PATENT COOPERATION TREATY PCT

#### INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference		of Transmittal of International Search Report (20) as well as, where applicable, item 5 below.		
P49923PC00	ACTION	20) as well as, where applicable, item 5 below.		
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)		
PCT/NL 00/00440	23/06/2000	24/06/1999		
Applicant				
NEDERI ANDSE ORGANISATIE V	OOD TOFOFDACT NATIFIED			
NEDERLANDSE ORGANISATIE V	JOR TOEGEPAST-NATUURW			
according to Article 18. A copy is being tra	n prepared by this International Searching Authansmitted to the International Bureau.	nority and is transmitted to the applicant		
This International Search Report consists	of a total of 3 sheets.			
	a copy of each prior art document cited in this	report.		
Basis of the report				
	international search was carried out on the bases otherwise indicated under this item.	sis of the international application in the		
the international search w Authority (Rule 23.1(b)).	ras carried out on the basis of a translation of ti	he international application furnished to this		
b. With regard to any nucleotide an was carried out on the basis of the		ternational application, the international search		
	onal application in written form.			
filed together with the inte	rnational application in computer readable form	n.		
furnished subsequently to	furnished subsequently to this Authority in written form.			
furnished subsequently to this Authority in computer readble form.				
the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.				
the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished				
2. X Certain claims were fou	nd unsearchable (See Box I).			
3. Unity of invention is lac	king (see Box II).			
4. With regard to the title,				
TX the text is approved as su	bmitted by the applicant.			
<del>  -</del>	hed by this Authority to read as follows:	٠.		
5. With regard to the abstract,				
the text is approved as su	bmitted by the applicant.			
the text has been establis within one month from the	hed, according to Rule 38.2(b), by this Authori e date of mailing of this international search rep	ty as it appears in Box III. The applicant may, ort, submit comments to this Authority.		
6. The figure of the drawings to be publ		3		
as suggested by the appli	cant.	None of the figures.		
because the applicant fail	ed to suggest a figure.			
because this figure better	characterizes the invention.			





Box i	Observations where certain claims were found unsearchable (Continuation of item 1 first sheet)
This Inte	ernational Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. χ	Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
	Although claim 12 is directed to a method of surgery practiced on a non-human mammalian test animal, the search has been carried out and based on the alleged effects of said method.
2.	Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
з. 🗌	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II	Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This Inte	ernational Searching Authority found multiple inventions in this international application, as follows:
	see additional sheet
1.	As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. X	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3.	As only some of the required additional search fees were timely paid by the applicant, this international Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4.	No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark	The additional search fees were accompanied by the applicant's protest.  No protest accompanied the payment of additional search fees.

#### FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-13 (all partially)

A test animal useful in an animal model system for atherosclerosis wherein the test animal is a non-human mammal susceptible to the induction of atherosclerosis which carries a vessel-restricting device applied to at least one of its blood vessels; said test animal which is an ApoE-/-mouse; A method for accelerating the onset and/or development of atherosclerotic phenomena in a non-human mammalian test animal comprising applying a vessel-restricting device to at least one of its blood vessels; Use of a non-human mammalian test animal susceptible to the induction of atherosclerosis and carrying a vessel-restricting device applied to at least one of its blood vessels, for identifying substances, diets or treatments having an anti-atherosclerotic effect.

2. Claims: 1-13 (all partially)

As for subject 1, but wherein said test animal is an LDL-R-/- mouse

3. Claims: 1-13 (all partially)

As for subject 1, but wherein said test animal is an ApoE3 mouse

Box III TEXT OF THE ABSTRACT (Continuation of item 5 of the first sheet)

To the original abstract the following phrase is added:
Said test animal is preferably an Apo-E-deficient mouse, an LDL-R-deficient mouse or an Apo-E3 Leiden transgenic mouse.



### ATENT COOPERATION THE

# **PCT**

REC'D 1 2 NOV 2001

### INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicantle		nt's file reference		0	All and Tarana Material International
P49923P0		III 3 Me reletence	FOR FURTHER AC		eation of Transmittal of International y Examination Report (Form PCT/IPEA/416)
		cation No	International filing date (da	av/month/vear)	Priority date (day/month/year)
	International application No. International filing date (day/month/year)  PCT/NL00/00440  23/06/2000  24/06/1999				
			tional classification and IPC		
A01K67/0		,			
Applicant					
• •	AND	SE ORGANISATIE VO	OOR TOEGEPAST-NA	ATUURW	
					ornational Proliminary Evamining Authority
This in and is	terna trans	itional preliminary exami mitted to the applicant a	ination report has been p according to Article 36.	orepared by this inte	ernational Preliminary Examining Authority
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	· ·		
2. This R	EPO	RT consists of a total of	5 sheets, including this	cover sheet.	
					and the analysis drawings which have
⊠ Tr be	nis re en a	port is also accompanied mended and are the bas	d by ANNEXES, i.e. she sis for this report and/or s	ets of the descriptionships to the state of the description of the state of the sta	on, claims and/or drawings which have ectifications made before this Authority
(s	ee R	ule 70.16 and Section 60	07 of the Administrative	Instructions under t	he PCT).
These	anne	exes consist of a total of	1 sheets.		•
111000	<b>Q.</b>	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
				<del> </del>	
i					
3. This re	eport	contains indications rela	ting to the following item	ns:	
ı	$\boxtimes$	Basis of the report			
11		Priority			
III			of opinion with regard to novelty, inventive step and industrial applicability		
IV		Lack of unity of invention			and a standard and addition
V	×	Reasoned statement un citations and explanation	nder Article 35(2) with re ons suporting such state	egard to novelty, inv ment	rentive step or industrial applicability;
VI		Certain documents cite			
VII		Certain defects in the in	nternational application		
VIII	$\boxtimes$	Certain observations or	n the international applic	ation	
Date of sub	missio	on of the demand		Date of completion o	of this report
00/04/00/				05.11.2001	
23/01/200	ונ				
		g address of the international	al la	Authorized officer	STOPHEDES AMERICAN
preliminary		ining authority: opean Patent Office			
<u> </u>	D-80	0298 Munich	6 opmu d	Barnas, C	
		+49 89 2399 - 0 Tx: 52365 : +49 89 2399 - 4465	о ерши и	Telephone No. +49 8	89 2399 7469

# INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/NL00/00440

I.	<b>Basis</b>	of th	report
----	--------------	-------	--------

1.	the and	receiving Office in	ments of the international applicates of the international applicates response to an invitation under to this report since they do not continue the properties.	Article 14 are	referred to in this repo	ort as "originally filed"
	1-13	3	as originally filed			
	Clai	ms, No.:				
	2-5,	7-13	as originally filed			
	1,6		as received on	24/09/2001	with letter of	24/09/2001
	Dra	wings, sheets:				
	1-4		as originally filed			
2.	With lang	n regard to the <b>lang</b> Juage in which the	guage, all the elements marked international application was file	above were a	vailable or furnished t erwise indicated unde	o this Authority in the r this item.
	The	se elements were	available or furnished to this Aut	thority in the f	ollowing language: ,	which is:
		the language of a	translation furnished for the pur	poses of the i	nternational search (u	nder Rule 23.1(b)).
		the language of p	ublication of the international ap	plication (und	er Rule 48.3(b)).	
		the language of a 55.2 and/or 55.3).	translation furnished for the pur	poses of inter	national preliminary e	xamination (under Rule
3.	With	n regard to any <b>nu</b> rnational prelimina	cleotide and/or amino acid sec ry examination was carried out o	<b>quence</b> disclo on the basis o	sed in the international f the sequence listing:	al application, the
		contained in the ir	nternational application in writter	n form.		
		filed together with	the international application in o	computer read	iable form.	
		furnished subsequ	uently to this Authority in written	form.		
			uently to this Authority in compu			
		The statement that the international a	at the subsequently furnished wi application as filed has been furr	ritten sequend nished.	e listing does not go b	eyond the disclosure in
		The statement the listing has been for	at the information recorded in co urnished.	mputer reada	ble form is identical to	the written sequence

4. The amendments have resulted in the cancellation of:

# INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/NL00/00440

	the description,	pages:
	the claims,	Nos.:
	the drawings,	sheets:
5. 🗆	•	n established as if (some of) the amendments had not been made, since they have been yound the disclosure as filed (Rule 70.2(c)):
	(Any replacement sh report.)	neet containing such amendments must be referred to under item 1 and annexed to this

- 6. Additional observations, if necessary:
- V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- 1. Statement

Novelty (N) Yes: Claims 5, 6, 11

No: Claims 1-4, 7-10, 12, 13

Inventive step (IS) Yes: Claims 5, 6

No: Claims 11

Industrial applicability (IA) Yes: Claims 1-13

No: Claims

2. Citations and explanations see separate sheet

#### VIII. Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made: see separate sheet

INTERNATIONAL PRELIMINARY

### Art, 33(3) PCT, Inv ntiv St p

Prompted by the need for treatments for atherosclerosis, the skilled pel use the rabbits of D1 for screening substances, diets and treatments to ident having anti-atherosclerotic effect. Claim 11 is, therefore, not inventive.

#### 3. Additional Observations:

The cited prior art does not contain any indication that would prompt the person to provide a transgenic mouse as described in claims 5 and 6 with a restricting device. Claims 5 and 6 seem, therefore, inventive (see however, F VIII).

#### Re Item VIII

### Certain observations on the international application

- D2 and D3 describe transgenic mice with a disorder promoting their su to atherosclerosis which are provided with a vessel restricting cuff. Said anin however, do not seem to exhibit an accumulation of foam cells. Thus, not all as described in claim 5 necessarily exhibit accumulation of foam cells. Amer 1 defines its subject matter, therefore, by the result to be achieved ("... and  $\xi$ exhibit accumulation of foam cells..."). The features, however, which indicate achieve said result are missing in said claim. Because of the lack of said fea are considered essential claim 5 is not clear (Art. 6 PCT).
- 2. According to the teaching of claim 6, ApoE-/-, LDL-R-/- and ApoE3 Leihaving a cuff exhibit accumulation of foam cells. In the description of the pre application, however, only ApoE3 Leiden mice are shown to exhibit such an accumulation. Because of the disclosure of D1 and D2 (see above, paragra cannot be assumed that any transgenic mice with a disorder promoting their susceptibility to atherosclerosis having a vessel restricting cuff exhibit an ac of foam cells. In view of D1 and D2, the teaching of claim 6 is, therefore, no as far as referring to 6 ApoE-/- and LDL-R-/- mice (Art. 6 PCT).

#### Relt m V

Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such stat m nt

- D1: SOMA M ET AL: 'Recombinant apolipoprotein A-IMilano dimer inhibits carotid intimal thickening induced by perivascular manipulation in rabbits' CIRC RES, vol. 76, no. 3, March 1995 (1995-03), pages 405-411, XP000857882 cited in the application
- D2: MOROI M ET AL: 'Interaction of genetic deficiency of endothelial nitric oxide, gender, and pregnancy in vascular response to injury in mice' J. CLIN. INVEST., vol. 101, no. 6, 15 March 1998 (1998-03-15), pages 1225-1232, XP002126586 cited in the application
- D3: WO 97 33989 A (GEN HOSPITAL CORP) 18 September 1997 (1997-09-18)

#### 1. Art. 33(2) PCT, Novelty

- 1.1. D1 describes rabbits with a collar around the carotid artery which were fed with a cholesterol rich diet. Said rabbits develop neointimal hyperplasia which is enriched by cholesterol-loaded macrophages, i.e. foam cells (see p. 408, left column and right column, last paragraph, last sentence). Although said foam cells represent only 10% of the total cells in the neointima, the enrichment of this cells nevertheless represents a (weak) accumulation at the location of the collar.
- 1.2. Because the rabbits of D1 show the development of neointima formation they mimic a feature of human atherosclerosis (see D2: p. 1225, left column, last line - right column, line 1 and right column paragraph 2, In. 1-5). Since the rabbits of D1 have the potential to develop a phenomena associated with atherosclerosis, they are "susceptible to the induction of atherosclerosis" (see the specification, p. 5, paragraph 3, In. 2-4, in this context) and "useful in an animal model system for atherosclerosis".

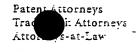
D1 is, therefore, novelty destroying for claims 1-4.

1.3. The neointimal hyperplasia in the rabbits of D1 could be inhibited by treatment with rA-I<sub>M</sub>/A-I<sub>M</sub>-containing rHDL. Said document is, therefore, further novelty destroying for claims 7-10, 12 and 13.

Your ref. Our ref. PCT/NL00/00440 Ln/P49923PC00

Date :

24-09-01





#### NEW CLAIMS 1 AND 6

- 1. A test animal useful in an animal model system for atherosclerosis, wherein the test animal is a non-human mammal susceptible to the induction of atherosclerosis which carries a vessel-restricting device applied to at least one of its blood vessels and as a result thereof exhibits an accumulation of foam cells in said blood vessel at the location of the device.
- 6. A test animal according to claim 5, wherein said transgenic mouse is selected from the group consisting of ApoE--, LDL-R-- and ApoE3 Leiden mice.

## (19) World Intellectual Pr perty Organization International Bureau



### 

#### (43) International Publication Date 4 January 2001 (04.01.2001)

#### **PCT**

# (10) International Publication Number WO 01/00014 A3

- (51) International Patent Classification<sup>7</sup>: C12N 15/12, A01K 67/027, A61K 49/00, C07K 14/775, 14/705
- (21) International Application Number: PCT/NL00/00440
- (22) International Filing Date: 23 June 2000 (23.06.2000)
- (25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

99202051,1

24 June 1999 (24.06.1999) EP

- (71) Applicant (for all designated States except US): NED-ERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO [NL/NL]; Schoemakerstraat 97, NL-2628 VK Delft (NL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): QUAX, Paulus, Hubertus, Andreas [NL/NL]; Jacob van Heemskercklaan 59, NL-2253 JX Voorschoten (NL). LARDENOIJE, Jan-Willem, Henricus, Pieter [NL/NL]; Stieltjesstraat 13, NL-2313 SH Leiden (NL).

- (74) Agent: PRINS, Ir, A., W.; Vereenigde, Nieuwe Parklaan 97. NL-2587 BN The Hague (NL).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS. MW, MZ, SD, SL, SZ, TZ, UG, ZW). Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM). European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

#### Published:

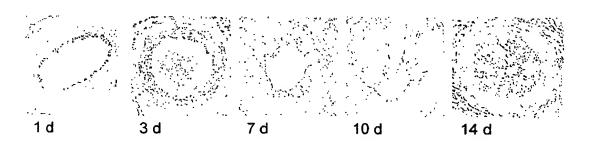
with international search report

(88) Date of publication of the international search report:

27 December 2001

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: TEST ANIMAL FOR ATHEROSCLEROSIS MODEL AND METHODS FOR TESTING AND SCREENING



(57) Abstract: A test animal useful in an animal model system for atherosclerosis, wherein the test animal is a non-human mammal susceptible to the induction of atherosclerosis which carries a vessel-restricting device applied to at least one of its blood vessels. A method for testing the (anti-)atherosclerotic effect of a substance, diet or treatment in an animal model system for atherosclerosis, comprising subjecting a test animal according to the invention to a test treatment with the substance, diet or treatment to be tested and analyzing the (anti-)atherosclerotic effect, if any, on the blood vessel restricted by the vessel-restricting device. The method may be used for screening potentially useful substances, diets or treatments.



) 01/00014 A

#### INTERNATIONAL SEARCH REPORT

International Application No IL 00/00440 A. CLASSIFICATION OF SUBJECT MATTE IPC 7 C12N15/12 A01 C07K14/775 C07K14/705 A61K49/00 A01K67/027 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) C12N A01K A61K C07K IPC 7 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) C. DOCUMENTS CONSIDERED TO BE RELEVANT Chation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Category ° 1 - 13X WO 97 33989 A (GEN HOSPITAL CORP) 18 September 1997 (1997-09-18) page 6, line 7-30; claims 7,10; figures 16,17; examples 13,15 Χ MOROI M ET AL: "Interaction of genetic 1-5,7-9deficiency of endothelial nitric oxide, 12,13 gender, and pregnancy in vascular response to injury in mice" J. CLIN. INVEST., vol. 101, no. 6, 15 March 1998 (1998-03-15), pages 1225-1232, XP002126586 cited in the application Υ 6,10,11 figure 1 -/--Further documents are listed in the continuation of box C. Patent family members are listed in annex. ° Special categories of cited documents: \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention \*E\* earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to filing date involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled other means

- \*P\* document published prior to the international filing date but later than the priority date claimed
- in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

#### 5 January 2001

Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016

#### Authorized officer

Lonnoy, 0

2 2 01 2001

#### INTERNATIONAL SEARCH REPORT

International Application No
PUBLIC 00/00440

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category Citation of document, with Indication, where appropriate, of the relevant passages	Relevant to claim No.
X . SOMA M ET AL: "Recombinant apolipoprotein A-IMilano dimer inhibits carotid intimal	1-4,7-13
thickening induced by perivascular manipulation in rabbits" CIRC RES,	
vol. 76, no. 3, March 1995 (1995-03), pages 405-411, XP000857882 cited in the application figure 2	
Y VAN VLIJMEN B ET AL: "Diet-induced hyperlipoproteinemia and atherosclerosis in apolipoprotein E3-Leiden transgenic mice" J. CLIN. INVEST.,	6,10,11
vol. 93, no. 4, April 1994 (1994-04), pages 1403-1410, XP000857884 cited in the application table 2	
BRESLOW J: "Mouse models of atherosclerosis"  SCIENCE, vol. 272, no. 5262,	6,10,11
3 May 1996 (1996-05-03), pages 685-688, XP002126587 table 1	
A √ WO 97 05247 A (UNIV DUKE) 13 February 1997 (1997-02-13)	

1

### INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9733989	Α	18-09-1997	NONE	
WO 9705247	Α	13-02-1997	US 5767337 A AU 720830 B AU 6485096 A EP 0842271 A JP 11510052 T	16-06-1998 15-06-2000 26-02-1997 20-05-1998 07-09-1999

Form PCT/ISA/210 (patent family annex) (July 1992)

International application No. PCT/NL 00/00440

### INTERNATIONAL SEARCH REPORT

Box I Obs rvations where c rtain claims w r found unsearchabl (Continuati n f it m 1 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. X Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Although claim 12 is directed to a method of surgery practiced on a non-human mammalian test animal, the search has been carried out and based on the alleged effects of said method.
Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
B x II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
see additional sheet
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. X As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest  The additional search fees w re accompanied by the applicant's protest.  No protest accompanied the payment of additional search fees.

#### FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-13 (all partially)

A test animal useful in an animal model system for atherosclerosis wherein the test animal is a non-human mammal susceptible to the induction of atherosclerosis which carries a vessel-restricting device applied to at least one of its blood vessels; said test animal which is an ApoE-/-mouse; A method for accelerating the onset and/or development of atherosclerotic phenomena in a non-human mammalian test animal comprising applying a vessel-restricting device to at least one of its blood vessels; Use of a non-human mammalian test animal susceptible to the induction of atherosclerosis and carrying a vessel-restricting device applied to at least one of its blood vessels, for identifying substances, diets or treatments having an anti-atherosclerotic effect.

2. Claims: 1-13 (all partially)

As for subject 1, but wherein said test animal is an LDL-R-/- mouse

3. Claims: 1-13 (all partially)

As for subject 1, but wherein said test animal is an ApoE3 mouse



Creation date: 24-07-2003

Indexing Officer: VHARRIS - VAUGHN HARRIS

Team: OIPEBackFileIndexing

Dossier: 10019108

Legal Date: 03-04-2002

No. Doccode		Number of pages	
1	M905	2	

Total number of pages: 2

Remarks:

Order of re-scan issued on .....